

Chemical Rates for Winkleman Dome Field

Tom Kirkwood to: Lai.Elaine

06/08/2010 05:23 PM

From: "Tom Kirkwood" <tkirkwood@tribcsp.com>

To:

Elaine,

As per our discussion on Wednesday; here are the chemical rates for Winkleman Dome and the injection locations.

Tensleep Formation Header # 1

Demulsifier 32 qt/day

Water Clarifier 14 qt/day

Tensleep Formation Header # 2

Demulsifier 4 qt/day

Water Clarifier 20 qt/day

Phosphoria Formation Header

Demulsifier 12 qt/day

Water Clarifier 8 qt/day

Nugget Formation Header

Demulsifier 5.5 qt/day

Water Clarifier 3 qt/day

Before Tensleep Formation 5000 BBL Water Tank

Corrosion Inhibitor 23 qt/day

Scale Inhibitor 10 qt/day

Before Phosphoria/Nugget Formations 5000 BBL Water Tank

Corrosion Inhibitor 5 qt/day

Scale Inhibitor 5 qt/day

After Tensleep Formation 5000 BBL Water Tank

Water Clarifier/Polymer 17 qt/day

After Phosphoria/Nugget Formations 5000 BBL Water Tank

Water Clarifier/Polymer 9.5 qt/day

If there is anything else you need, let me know

Regards,

Tom

Thomas C. Kirkwood

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